

RADIAN, N.
EXCERPTA MEDICA Sec.14 Vol.11/11 Radiology Nov 57.

1923. RADIAN N., TEMELIESCU I. and ISPAS I. *Explorarea radiologica a organelor abdominale cu ajutorul retropneumoperitoneului. Radiological

1923

CONT.

exploration of the abdominal organs with the aid of retroperitoneum STUD. CERC. ENDOCR. 1956, 7/1 (91-96) Illus. 2

A new method of radiological exploration, retroperitoneum, and a description of results. The technique of retroperitoneal insufflation, by the precoccygeal approach, is described in detail, also the technique of radiological examination and the information to be gained by insufflation. A report is given of 5 cases diagnosed by this method, one of them an adrenal tumour. The technique of retroperitoneum is very simple and the procedure is tolerated very well by the patient. It is to be preferred to pneumoperitoneum and to pneumopyelography. With retroperitoneum, one may examine the kidneys, adrenals, liver, spleen, the abdominal walls and the diaphragm. The authors use a variation of the technique which represents an improvement over the usual method.

VARADI, Gh., ing.; RADIAN, V., ing.

Automatic remote signalling system by telephone; the TELEMAG
installation. Energetica Rum 11 no.7:385-387 JI '63.

RALIC, A

Prirucnik za primenu tarifa o elektricnoj energiji (Manual on the Application of Electric Power Rates.); a book review. p. 271.

(ELEKTRO:REVISTA, Vol. 10, No. 7, July 1957, Beograd, Yugoslavia)

SO: Monthly List of Last European Accessions (EIAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

RADIC, Aleksandar, sanitetski potporučnik , dr.

Some problems of the medical service in military exercises.
Vojnosanit. pregl. 21 no. 10:661-663 0 '64

MILOSEVIC, B.: RADIC, J.

The use of aerosol in the treatment of vaginal and cervical infections. Srpski arh. celok. lek. 83 no.4:478-490 Apr 55.

1. Ginekološko-akuserska klinika Medicinskog fakulteta u Beogradu.
Upravnik: Sinisa Tasovac.

(VAGINITIS, ther.
aerosols (Ser))

(CERVICITIS, ther.
aerosol (Ser))

(AEROSOLS, ther. use
cervicitis & vaginitis (Ser))

LAZIC, Marija; RADIC, Jelena; DJUKIC-TADIC, Mirjana

Stress urinary incontinence in women. Srpski arh. celok. lek.
84 no.10:1097-1108 Oct 56.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu
Upravnik: prof. dr. Sinisa Tasovac.
(URINATION DISORDERS,
incontinence, stress, in women (Ser))

BOSKOVIC, Milica; RADIC, Jelena; HUSAR-DODER, Marta

Hemorrhage in menopause. Srpski arh. celok. lek. 87 no.2:204-209 Feb 59.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu
Upravnik: prof. dr Sinisa Tasovac.

(MENORRHAGIA AND METORRHAGIA,
menopausal hemorrh. (Ser))
(CLIMACTERIC, FEMALE, compl.
uterine hemorrh. (Ser))

TOMIC, M., doc. dr; BOJC, F., dr; RADIC, J., dr

Treatment of acute, subacute and chronic processes in the female genital tract with lederkyn. Med. glasn. 14 no.6:354-355 Je '60.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr S.Tasovac)
(SULFAMETHOXYPYRIDAZINE ther)
(GYNECOLOGY ther)

JERGOLEVOVA, Z.V.; BRAUDE, A.J.; VAJSBERG, G.E.; RADIC, J.V.; SOBOLEV,
V.R.; FURER, N.M.

New antibiotics and other biologically active natural substances
in the USSR. Cas. lek. cesk. 104 no.12:337-339 2 Ap '65.

2170. 17.

The effect of soil moisture on the growth of the cotton plant; contribution to the study: "Cotton in Herzegovina."

p. 356 (Folje; Narodni Pregled, Vol. 1, no. 6, June 1956. Sarajevo, Yugoslavia)

Monthly Index of East European Accessions (1957) II. Vol. 7, no. 2, February 1958

GODIC, Vlastimir; RADIC, Mihajlo

Treatment of diabetes mellitus at Vrnjacka Banja baths.
Srpski arh. celok. lek. 84 no.1:67-73 Jan 56.

1. Institut za medicinsku hidrologiju i klimatologiju
Medicinskog fakulteta u Beogradu. Upravnik: prof. dr.
Milutin Neskovic.

(DIABETES MELLITUS, ther.
balneol. (Ser))

(BALNEOLOGY, in various dis.
diabetes mellitus, Vrnjacka Banja baths (Ser))

RADIC, Mihajlo; GODIC, Vlastimir; CVETKOVIC, Miodrag

Immediate effect of naturally carbon dioxide baths and of the drinking of mineral water Sneznik in Vrnjacka Banja on glycemia of diabetics. Srpski arh. celok. lek. 84 no.2:199-203 Feb 56.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog fakulteta u Beogradu. Upravnik; prof. dr. Milutin Meskovic.

(BLOOD SUGAR, in various dis.

diabetes mellitus, eff. of carbon dioxide bath & mineral water (Ser))

(DIABETES MELLITUS, blood in

blood sugar, eff. of carbon dioxide bath & mineral water (Ser))

(BALNEOLOGY,

carbon dioxide bath, eff. on blood sugar in diabetes mellitus, with mineral water (Ser))

(MINERAL WATER, eff.

on blood sugar in diabetes mellitus, with carbon dioxide bath (Ser))

RADIC, Mihajlo, Dr.; GODIC, Vlastimir, dr.

Conditions following infectious hepatitis and its therapy in
Vrnjacka Banja. Med. glas. 11 no.16-18 Jan 57.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog
fakulteta u Beogradu (Upravnik: prof. dr. M. Neskovic).

(HEPATITIS, INFECTIOUS, ther.

Vrnjacka Banja baths (Ser))

(BALNEOLOGY, in var. dis.

Vrnjacka Banja baths in infect. hepatitis (Ser))

GODIC, Vlastimir; RADIC, Mihaljlo

Effect of mineral waters of Vrnjacka Banja on choleresis. Srpski arh. celok. lek. 85 no.5:552-558 Mar 57.

1. Institut za Medicinsku hidrologiju i klimatologiju Medicinskog fakulteta. Upravnik: Milutin Neskovic.

(BILE,

choleretic eff. of Vrnjacka Banja mineral waters (Ser))

(MINERAL WATERS, eff.

choleretic of Vrnjacka Banja mineral waters (Ser))

RADIC, Mihailo; DAVIDOVIC, Ljubodrag; DRENOVAC, Milutin

Balneotherapy of diabetes mellitus at the Vrnjci spa with oral antidiabetics. Srpski arh. celok. lek. 87 no.9:754-759 S '59.

1. Bolnicko odeljenje Banjskog lecilista u Vrnjackoj Banji, sef:
dr Mihailo Radic.

(BALNEOLOGY)

(ANTIDIABETICS ther.)

RADIC, Mihajlo; DRENOVAC, Milutin; DAVIDOVIC, Ljubodrag; RADOVIC, Predrag

Effect of an oral diabetic N-sulfanylyl-N'-butylcarbamide on gastric secretion. Srpski ath. celok. lek. 87 no.10:918-921
0 '59.

1. Bolnicko odeljenje lecilista u Vrnjackoj Banji, sef: dr Mihajlo Radic.

(GASTRIC JUICE)
(CARBUTAMIDE pharmacol.)

DANILOVIC, Vojislav; BOJANIC, Milan; RADOVANOVIC, Lazar; GODIC,
Vlastimir, dr., doc.; RADIC, Mihajlo

Immediate results of balneo-climatic factors in Soko-Spa in bronchial
asthma. Srpski arh. celok. lek. 89 no.3:295-303 Mr '61.

1. Balneo-klimatoloski institut NR Srbije u Beogradu. Direktor:
doc. dr Vlastimir Godic. Interna klinika B Medicinskog fakulteta
Univerziteta u Beogradu. Upravnik: prof. dr Radivoje Berovic.

(ASTHMA ther) (BALNEOLOGY)

YUGOSLAVIA

RADIC, Mihailo, et al., Climatological Institute (Balneo-
Klimatološki Institut) of Serbia, Belgrade.

"The Effect of 'Knjaz Milos' Mineral Water on the Secre-
tion and Evacuation Functions of the Stomach."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No
12, December 1962, pp 1159-1167.

Abstract: [Authors' German summary modified] A comparison
with ordinary laxative treatment on 10 healthy persons
showed that "Knjaz Milos" bottled mineral water from the
spa of Bukovicka Banja at room temperature when intro-
duced into an empty stomach in the amount of 200 milli-
liters has a stimulative effect on the creation of hydro-
chloric acid in the stomach thanks to the dissolved carbon
dioxide except in the first 10 minutes, when the alkaline
component causes depression of stomach acidity, and accel-
erates evacuation into the duodenum through the effect of
the carbon dioxide on the peristalsis of the stomach and
[171] on the opening of the pylorus. Charts, 14 references.]

RADIC, Mihailo; GODIC, Vlastimir; RADOVANOVIC, Lazar; BOJANIC, Milan

Contribution to the study on radio-emanotherapy and results
of combined balneo- and climatic therapy in Sokobanja. Srpski
arch. celok. lek. 91 no.11:1033-1040 N°63

1. Balneo-klimatoloski institut SR Srbije u Beogradu; direk-
tor: doc.dr. Vlastimir Godic.

... ..
... ..

Effect of Vrnici spa warm mineral water on gallbladder motility.
Srpski med. celoh. lek. 92 no.3:291-299 Mr '62.

1. Radioklinički Institut, Socijalističke Republike Srbije.
(Direktor: doc. dr. Vlastimir Jedic); Rentgenološko odeljenje
Klinički Centar Vrnjaska Banja (Čef: dr. Bora Jovanović).

RADIC, Milan (Rijeka, Brodogradiliste "3.maj")

Today's shipbuilding in the world and in Yugoslavia. Tehnika
Jug 18 no.7:Supplement: Saobracaj 10 no.7:1356-1360 JI'63.

1. Komercijalni direktor Brodogradilista "3.maj", Rijeka.

7/304/00/000/011/011/011
3179/3331

Author: Andrii, Andrii, Engineer

Subject: Equipment for liquefied petroleum gas

Classification: Secret, No. 11-12, 1991, 326-643

Summary: The article contains general information on the types and uses of liquefied petroleum gases. After a brief review of the properties and production methods of LPG, the author describes at some detail the design and pressure cylinders used for storing and transporting liquefied petroleum gases, and reviews the conventional safety measures to be applied in non-Soviet-bloc and Soviet-bloc. There are 4 figures, 7 tables and 3 references: 2 non-Soviet-bloc and 1 Soviet-bloc.

ASSOCIATION: "Oliva", Zagreb

Card 1/1

RADIC, Milan, inz.

Gas burners. Pt.1. Nafta Jug 13 no.8:193-201 Ag '62.

1. Grijanje, Zagreb.

RADIC, Milan, inz. (Zagreb, Vlaska 75a)

Economic analysis of heating with liquid fuel. Tehnika Jug 18
no.9:Suppl.:Masinstvo 12 no.9:1682-1687 S '63.

1. Tehnicki direktor poduzeca "Grijanje", Zagreb.

RADIC, Milan, inz.

The fluid gas plants. Nafta Jug 12 no.11/12:326-335 N-D '61.

1. Pliva, Zagreb.

RADIC, Milan, inz.

Gas burners. Pt.2. Nafta Jug 13 no.9/10:233-241 S-C '62.

1. "Grijanje", Zagreb.

RADIC, Milan, inz., docent (Novi Beograd, soliter C-12, I ulaz, stan 9)

Graphic representation of traction properties of a farm tractor pulling a two-axle trailer. Tehnika Jug 18 no. 8: Supplement: Masinstvo 12 no. 8: 1491-1497 Ag '63.

1. Masinski fakultet Univerziteta u Beogradu.

RISTIC, M. M.; RADIC, S.; ZIVANOVIC, B.

Characteristic parameters of sintering as measures of the effect of compacting pressure on the sintering of uranium dioxide. Bul Inst Nucl 14 no. 4: 199-208 0 '63.

1. Department of Reactor Materials, Boris Kidric Institute of Nuclear Sciences, Beograd-Vinca.

RADICH, ERNEST

USSR (600)

Labor and Laboring Classes - Trieste

Problems of the working class of the Free Territory of Trieste, Vsem prof. dvizh.,
No 14, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

RADICH, Geza, fizikus

A car repair device. Auto motor 15 no.3:13 F '62.

RADICH, M., kapitan

The hero lives, the hero has been found. Starsh.-serzh. no.2:6
F '62. (MIRA 15:4)

(World War, 1939-1945)

RADICHEV, Dimitr T.; MIKHAYLOV, A.M. [translator]

Difficult flight. Vest.Vozd.Fl. 41 no.2:78-79 F '59.

(MIRA 12:4)

(Aeronautics--Accidents)

RADICHEV, S. A.

Evaluation of Yield of Wheat at the Stage of Partial Ear Damage, Vestnik
Zashchity Rastenii, no. 1, 1941, pp. 104-107. 121 P492

SC - SI A SI 94-43, 1, December 1943

SPITSYN, Vikt.I.; ZABORENKO, K.D.; RADICHEVA, M.A.; BABESHKIN, A.M.

Use of the emanation method in the study of conversions of
heteropolycompounds. Izv. AN SSSR. Otd. khim. nauk no. 1:5-11
Ja '61. (MIRA 14:2)

1. Moskovskiy gosudarstvennyy universitet im.M.V. Lomonosova.
(Barium phosphotungstate) (Radium—Isotopes)

ACC NR: AT6031506

SOURCE CODE: BU/2503/66/014/000/0057/0065

AUTHOR: Mishev, I. T.; Radicheva, M. A.

ORG: none

TITLE: A new study of radioactive contamination in the vicinity of the IRT-1000 nuclear reactor

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB, v. 14, 1966, 57-65

TOPIC TAGS: nuclear reactors, nuclear radiation, radioactive source, radioactivity measurement, radioactive contamination, radiation hazard

ABSTRACT: The results of a two-year study of nuclear contamination of soils, plants, aerosols, sewer, and reactor waters in the area of an IRT-1000 nuclear reactor are described. This study, conducted for a 24-month period (1963—1964), is the second part of an experiment; the first part was concerned with measurement of radioactive leakage during the initial operation and use of the reactor. The study consists of periodic measurements of β -activity on samples placed at fixed points around the reactor. The results, tabulated at monthly intervals, show that no contamination was discovered in the area around the IRT-1000 reactor. There was some variation of the measured radioactivity which was attributed either to contamination from a near-by

Card 1/2

ACC NR: AT6031506

radiation laboratory or to fallout from atmospheric nuclear tests. Orig. art. has:
2 figures and 4 tables.

SUB CODE: 18/ SUBM DATE: 05Apr65/ ORIG REF: 003/ OTH REF: 004

Card 2/2

MISHEV, I.T.; RADICHEVA, M.A.; TROSHEV, T.N.

Study on radioactive contamination about the IRT-1000 nuclear reactor. Atom.energ. 16 no. 4:344-348 Ap '64. (MIRA 17:5)

1. Fizicheskiy institut Bolgarskoy Akademii nauk, Sofiya.

GVOZDJAK, J.; FEDORCAKOVA, A.; BACHLEDOVA, E.; NIEDERLAND, T.R.;
Technicka spolupraca: KAPLANOVA, M.; RADICOVA, L.

On biochemical changes of the rat myocardium in late ontogenesis
during experimental cardiomyofibrosis. Bratisl. lek. listy 45
no.6:334-338 30 S '65.

I. III. interna klinika Lek. fak. Univerzity Komenskeho v Brati-
slave (veduci prof. MUDr. T.R. Niederland, DrSc.).

RADICS, Ferenc

Current problems of nature preservation in Hungary. Term
tud kozl 6 no.10:469-470 0 '62.

1. Természettudományi Múzeum főigazgatóhelyettese, és
"Természettudományi Közöny" szerkesztő bizottsági tagja.

RADICS, Ferenc

Remark about Miklos Kretzoi's article entitled "Have giants
ever lived?" Term tud kozl 7 no.10:470-471 0 '63.

1. Termeszettudomanyi Muzzeum, Budapest, foigazgato helyettese;
"Termeszettudomanyi Kozlony" szerkeszto bizottsagi tagja.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001343'

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013439

Radics, I.; Hangyal, K.

The betaine division of the Ercs Sugar Factory. p.209

CUKORIPAR. (Cukoripar es Mezogazdasagi es Elemiszeripari Tudomanyos
Egyesulet.
Budapest, Hungary. Vol. 12, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11
November 1959
Uncl.

HANGYAL, Karoly; RADICS, Imrene

The betaine plant of the Ercsi Sugar Factory. Cukor 12
no.8:209-213 Ag '59.

RADICS, Imrene

Water economy in sugar factories. Cukor 13 no.9:261-264
S '60.

1. Cukoripari Kutatointezet tudomanyos munkatarsa.

HODASZI, Geza, okleveles villamosmernok; RADICS, Istvan, okleveles
gepeszmernok

The prototype of the eight-wheeled articulated cars of the
Budapest streetcar lines. Kozl tud sz 13 no.1:5-10 Ja
'63.

1. Fovarosi Villamosvasut V.osztalyvezetohelyettese (for Hoda-
szi). 2. Fovarosi Villamosvasut V.osztalyvezetoje (for Radics).

KERTES, I.; CZANIK, P.; RADICS, J.

Clinical experiences with streptomycin resistant patients. Orv. hetil.
93 no. 24:701-703 15 June 1952. (CML 23:3)

1. Doctors. 2. National Public Hygiene Institute (Director General
-- Academician Dr. Andras Havas) and Koranyi State Tuberculosis
Sanatorium (Director -- Head Physician -- Dr. Pal Dessauer).

RABICS, Jozsef

Utilization of cultural traditions of the workers. Munka 8 no.7:20-21
Jl '58.

1. Nepmuvelesi Intezet.

MONUS, Gabor; SZABO, J. Jenő; ujsagi; RADICS, Jozsef; G. NAGY, János;
TAKACS, Ferenc

Cultural educational work in the workers' hostels. Munka ll no.ó:
13-17 Je '61.

1. szb titkar (for G.Nagy).

RADICS, L.

Experiences with billet blasting in the area of Kaposvar. p. 311.

AZ ERDO. (Orszagos Erdeszeti Egyesulet) Budapest, Hungary, Vol. 8, No. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959,
Uncl.

RADICs, Lajos

RADIC^S, L., Cand Chem Sci -- (diss) "On the problem of ^{the use of} using
deuterium for studying the mechanism of gaseous radical reactions."
Mos, 1958, 12 pp (Mos State Univ im M.V. Lomonosov. Chemistry
Faculty. Chair of Chemical Kinetics) 140 copies (KL, 28-59, 123)

RADICS, Lajos, a kémiai tudományok kandidátusa (Budapest)

An account of Moscow study trip. Kem tud kozl MTA 15 no.1:95-98 '61.
(EEAI 10:6)

1. A Magyar Tudományos Akademia Kozponti Kemiai Kutato Intezete,
Budapest.

(Hungarian Academy of Sciences)

(Russia--Chemistry, Physical and theoretical)

(Hungarians in Russia)

(Academy of Sciences of the U.S.S.R.)

RADIOS, Lajos

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2209, 1360, 1273

S/020/61/136/003/024/027
B004/B056

AUTHORS: Radich^S, L., Kravchuk, I. P., and Mardaleyshvili, R. Ye.

TITLE: The Thermal Disintegration of Some Organic Compounds in the Presence of Deuterium

PERIODICAL: Doklady Akademii nauk SSSR, 1961, Vol. 136, No. 3, pp. 657-659

TEXT: The authors study the problem as to whether the method of determining the reaction constants by means of isotopic exchange, which has been developed for photochemical reactions, is applicable also to thermal processes. In the photolytic processes $\dot{R} + R_1H \rightarrow RH + \dot{R}$ (1); $R + D_2 \rightarrow RD + \dot{D}$ (2) the activation energy of the reaction (2) may be determined if the ratio RH/RD at various temperatures, and the activation energy of the reaction (2) are known. In thermal reactions, the difficulty consists in the fact that secondary processes occur, in which the same products are able to form as in the reactions (1) and (2). It was the

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Card 1/4

89736

The Thermal Disintegration of Some Organic
Compounds in the Presence of Deuterium

S/020/61/136/003/024/027
B004/B056

purpose of the present paper to find out whether deuterium is applicable for the purpose of determining the constants of thermal processes. Besides, the assumption made by V. V. Voyevodskiy, G. K. Lavrovskaya, and R. Ye. Mardaleyshvili was to be checked, according to which an isotopic exchange between free radicals and D_2 occurs, and with an excess of D_2 the hydrogen atoms on C (with non-saturated valence) are completely substituted (Ref. 3). For this purpose, the separation of the hydrogen atoms by methyl radicals was investigated in the presence of deuterium. The methyl radicals were obtained by pyrolysis with acetaldehyd, acetone, dimethylmercurium, and di-tert-butylperoxyd. The following experimental conditions are given: duration of contact τ 0.1 - 4 sec; total pressure $P = 0.6 - 5$ mm Hg, temperature 130 - 850°C, 10 - 15-fold excess of D_2 . Measurements of the ratio between the various deuteromethanes were made by means of an MC-4 (MS-4) mass spectrometer. For the pyrolyses of the acetone, the results are represented in Fig. 1. The other substances yielded similar results. At 500-600°C the degree of thermal decomposition amounts, depending on the duration of contact, to 0.01 - 5%. The methane contains only CH_3D and CH_4 . The ratio CH_3D/CH_4 does not depend on P and τ .

Card 2/4

09736

The Thermal Disintegration of Some Organic
Compounds in the Presence of Deuterium

S/020/61/136/003/024/027
B004/B056

Above 600°C an intensification of the processes sets in (10 - 30% yield), and polysubstituted methanes including CD₄ occur as a result of these secondary processes. Experiments concerning the effect produced by S/V (ratio between surface and volume of the reaction vessel varied by checking the vessel and the quartz tubes) showed that in the checker vessel CH₃D/CH₄ decreases with a falling P (< 4 mm Hg), but also does not depend on τ. The conclusion is drawn that the measurement of the reaction rate by comparing the rate of (1) with (2) is not influenced by secondary processes only up to 500 - 550°C. In Table 2 the activation energies E₁ calculated from CH₃D/CH₄ are given; CH₃COCH₃ : 9.2±0.3; CH₃CHO : 7.9±0.5; (CH₃)₃CO₂ : 9.5±0.3; Hg(CH₃)₂ : 9.9±0.5. These data agree with those of the photolysis (Refs. 4, 6-10) with the exception of the value of di-tert-butyl-peroxyde. Here, the authors assume that the value given by G. O. Pritchard, H. O. Pritchard, and A. F. Trotman-Dickenson (Ref. 4) is too high. The agreement between E₁ in case of the photolysis and pyrolysis permits the conclusion that in the photolysis no "hot" radicals are produced. Besides, the scheme assumed by Voyevodskiy et al. is disproved

Card 3/4

89736

The Thermal Disintegration of Some Organic Compounds in the Presence of Deuterium

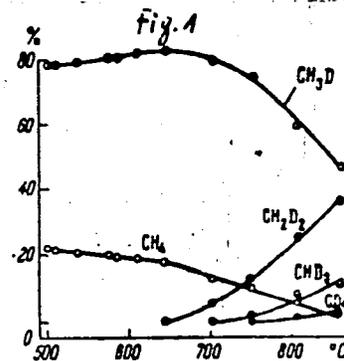
S/020/61/136/003/Q24/027
B004/B056

since polysubstituted methanes are produced by secondary reaction only above 600°C. There are 2 figures, 2 tables, and 10 references: 2 Soviet, 6 US, and 2 British.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED: July 14, 1960, by N. N. Semenov, Academician

SUBMITTED: July 7, 1960



Card 4/4

HARDY, Gyulane; RADICS, Lajos; TUDOS, Ferenc, kandidatus

An account of the 5th International Symposium on Free Radicals.
Kem tud kozl 18 no.3:509-519 '62.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete,
Budapest. 2. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok
Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Tudos).

RADICALS

RADICH, L; MARDALEYSHVILI, R.Ye.

Isotopic exchange of free radicals with deuterium. Dokl. AN SSSR
146 no.3:618-620 S '62. (MIRA 15:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom N.N.Semenovym.
(Deuterium) (Radicals (Chemistry))

14(3)

SOV/176-58-7-11/17

AUTHORS: Yefremov, M., Lieutenant Colonel; Radik, I., First Lieutenant; Tenson, Kh. and Reynik, Ya.

TITLE: Fittings for the Assembly of Corrugated Steel Parts (Prisposobleniya dlya sborki konstruktsiy iz elementov volnistoy stali)

PERIODICAL: Voenno-inzhenernyy zhurnal, 1958, Nr 7, pp 30-32(USSR)

ABSTRACT: The authors describe the tightening and supporting devices used in tightening parts of steel material used in the construction of shelters. Sergeant D.A. Zaytsev of Moscow Military District proposed a lever of 20-25 mm in diameter, at one end of which are 5 lugs (1 on top and 4 below) with an adjustable hub on top about 10 mm. in diameter intended to catch the edge of the opposing element (a steel plate). This device is shown in a drawing (Figure 1). Similar devices were invented and used by other units (not stated) (Figures 2 and 3). There are 5 sets of diagrams.

Card 1/1

SUL'KIN, I.G.; RADIK, L.Ye.

Basic causes for the unsatisfactory performance of self-cleaning
oil filter drives and measures for eliminating them. Vod. 1 san.
tekhn. no.10:14-17 0 '58. (MIRA 11:10)
(Electric driving) (Oil filters)

GITMAN, F.M. (Dnepropetrovsk, Zaporozh'ye); PPVADKO, V.M.
(Dnepropetrovsk, Zaporozh'ye); SUL'KIN, I.G. (Dnepropetrovsk,
Zaporozh'ye); RADIK, L.Ye. (Dnepropetrovsk, Zaporozh'ye)

Constructive solution for supporting structures of ventilators.
Vod. i san. tekhn. no.2:31-32 F '61. (MIRA 14:7)
(Fans, Electric)

UTROBIN, N.; RADIKARTSEV, A.; SOKOLOV, N.

Readers report, advise, suggest... Zhil.-kom. khoz. 12 no.10:31
0 '62. (MIRA 16:2)

1. Instruktor Kirovskogo oblastnogo ispolnitel'nogo komiteta, g. Kirovo-Chepetsk (for Utrobin).
2. Sekretar' rayonnogo komiteta professional'nogo soyuza rabochikh mestnoy promyshlennosti i kommunal'nogo khozyaystva (for Semipalatinsk).
3. Nachal'nik zhilishchno-kommunal'noy kontory stroitel'nogo tresta No.1 g.Kalinina (for Sokolov).
(Municipal services)

RADIKAYNEN, I. M.

Radikaynen, I. M. "Automatic flux welding in shipbuilding" (Experiences of the Modrovshchikovo shipyard), Trudy Vsesoyuz. konf-tsil po avtomat. svarke pod flyusom, 3-6 October 1947, Kiev, 1948, pp. 43-49.

SO: U-3261, 10 April 53 (Letopis 'Zhurnal 'nykh Statey No. 11, 1949)

9 (2)

SOV/111-59-10-20/23

AUTHOR: Radikaynen, Ya.M., Chief Engineer

TITLE: Self Modulation as a Reserve in Transmitters with Plate Modulation

PERIODICAL: Vestnik svyazi, 1959, Nr 10, p 31 (USSR)

ABSTRACT: This article describes a circuit proposed by the author for applying self (plate) modulation as a reserve in a medium wave broadcasting transmitter with plate modulation; the system, in use at the Karel'skiy radiotsentr (Karelian Radio Centre), is intended to assure stable uninterrupted operation of the station facilities. The necessary simple modifications to the transmitter circuit are outlined, and the circuit is presented. Extensive operational experience, states the author, has shown the expediency of using this system as a reserve. The method and process of switching from one mode to the other is described; this process can be fully automated using relays in place of the switch described. Included in the circuit are two selenium bridge rectifier circuits,

Card 1/2

SOV/111-59-10-20/23

Self Modulation as a Reserve in Transmitters with Plate Modulation

using VS-25 and VS-45 units respectively; a reserve thyatron rectifier, designed on the Larionov circuit, is also included. The tube line-up in the transmitter circuit (as shown) is: modulator, 3rd stage - GU-80 (2), modulator output - G-452 (2), RF driver - GK-3000 (2), RF output - G-452 (2), and a 6Ts5S. The author states that several short wave transmitters with grid modulation at the Radio Centre have been converted to self (plate) modulation. There is 1 circuit diagram.

Card 2/2

HAMKINSON, V.M.

Research in the relations between the heat balance of the
surface of the North Atlantic and characteristics of atmospheric
circulation. Izudy Len. gidromet. 1959. no. 17:62-71. 10p.
(MIRA 18-6)

ACCESSION NR: AT4028741

S/2531/63/000/144/0048/0058

AUTHOR: Ariyel', N. Z.; Byutner, E. K.; Panin, B. D.; Radikevich, V. M.

TITLE: Results of measuring the temperature and wind direction pulsations in the surface layer of the atmosphere

SOURCE: Leningrad. G1. geofiz. observ. i Ukr. n.-i. gidrometeorol. inst. Trudy*, no. 144/40, 1963. Fizika pogramichnogo sloya atmosfery* (physics of the atmospheric boundary layer); Dneprovskaya expeditiya GGO i UkrNIGMI, 48-58

TOPIC TAGS: temperature pulsation, wind direction, surface layer, temperature

ABSTRACT: A daily plot of the average hourly values of horizontal wind direction pulsations σ_α at an altitude of 16 m is produced. The dependence of the value of σ_α on stratification, the recurrence of various deviations from the average direction dependent on the stratification and the wind velocity, and the temperature pulsation values ΔT^2 with altitudes of 1 and 7 m are also obtained in the article. The corresponding spectral characteristics of the values σ_α and ΔT^2 are plotted in graphs. It is shown that the spectral function of the pulsation of wind direction is subject to the 5/3 law in the frequency range from 0.02 to 0.1 cycles at a wind velocity of approximately 4 m/sec. A diagram of the wind vane circuit is given,

Card 1/2

ACCESSION NR: AT4028741

together with the recorded examples of wind direction values and graph plots. From the graph it follows that the basic contribution to the oscillation energy responsible for the temperature pulsation at an altitude of 7 m is carried by the frequency ω of from 0.06 to 0.2 sec^{-1} and from 0.1 to 0.6 sec^{-1} at an altitude of 1 m (wind velocity in both cases was equal to 2.4 m/sec). Orig. art. has: 12 figures and 1 table.

ASSOCIATION: Leningradskaya glavna geofizicheskaya observatoriya (Principle Geophysical Observatory of Leningrad)

SUBMITTED: 00

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: AS

NO REF SOV: 005

OTHER: 001

Card 2/2

RASHKOV, D. V.

"Effect of Collisions of the Second Type on the Line Intensity of Nitrogen and Carbon Monoxide in Glow Discharge." *Sov. Phys.-Math. Sci.*, Tomsk U, Tomsk, 1954. (*RZNE*in, No 17, Sep 54)

SO: Su. 432, 29 Mar 59

51-4 -3-17/30

AUTHOR: Radikov, D.N.

TITLE: An Estimate of the Effect of Collisions of the Second Order with CO Molecules on the Intensity of Emission of N_2 Bands in a Glow Discharge (Ob otsenke vliyaniya udarov II roda s molekulami CO na intensivnost' izlucheniya polos N_2 v tleyushchem razryade)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol.IV, Nr.3, pp. 396-398 (USSR)

ABSTRACT: The author has already reported on the mutual interactions of N_2 and CO molecules in light emission by $N_2 + CO$ mixtures in glow discharges (Ref.1). At total pressures of 1.95, 0.90 and 0.34 mm Hg and partial pressures of N_2 of 0.1-1.95, 0.1-0.90 and 0.02-0.34 mm Hg it was found that the bands of the Second Positive system of N_2 ($C^3\pi$), which begin at levels $v' = 0$ and $v' = 1$, are greatly strengthened by the presence of CO. This increase of the N_2 band intensity was linearly proportional to the partial pressure of CO. The ratio of the intensity (I_1) of a given band of N_2

Card 1/3

51-4-3-17/30

An Estimate of the Effect of Collisions of the Second Order with CO Molecules on the Intensity of Emission of N_2 Bands in a Glow Discharge.

in the presence of CO to the intensity (I_0) of the same band in pure N_2 is called "magnification", $k = I_1/I_0$. The figure on p.395 gives the values of k for the $v' = 0$ level for all values of the ratio of partial pressures of CO and of N_2 used in the author's experiments. The increase of intensity of the $C^2\pi$ bands of nitrogen is due to excitation of nitrogen molecules by collisions with metastable CO molecules (called collisions of the second kind). The magnitude of the increase of intensity of the nitrogen bands depends on the relative probability of excitation of nitrogen molecules by electrons (collisions of the first kind) and by metastable CO molecules. To calculate these probabilities the author employs the method of N.A. Prilezhayeva (Ref.2). Using this method the author finds a formula which, under certain simplifying assumptions,

Card 2/3

An Estimate of the Effect of Collisions of the Second Order with
CO Molecules on the Intensity of Emission of N_2 Bands in a
Glow Discharge. 51-4 3-17/30

shows that "magnification" is determined by the ratio N_c/n_c , where N_c is the concentration of normal molecules of CO and n_c is the concentration of normal N_2 molecules. There is 1 figure, and 2 Soviet references.

ASSOCIATION: Chernovtsy State University. (Chernovitskiy gosudarstvennyy universitet.)

SUBMITTED: June 3, 1957.

1. Glow discharges--Analysis 2. Glow discharges--Theory

Card 3/3

RADIKOV, D.N., dots.; LEBED', F.I., dots., otv. red.

[Dimensional theory of physical quantities; textbook for students of the physics and mathematics faculty of pedagogical institutes] Teoriia razmernostei fizicheskikh velichin; posobie dlia studentov fiziko-matematicheskogo fakul'teta pedinstitutov. Gor'kii, 1962. 14 p.

(MIRA 17:10)

1. Gorki. Gosudarstvennyy pedagogicheskiy institut. Kafedra obshchey fiziki.

RODIONOV, A.I.; RADIKOVSKIY, V.M.

Effect of the temperature of a foamy layer on mass transfer coefficients in a downcomerless sieve plate. Trudy MKHPI no.40:57-60 '63.

Testing of downcomerless sieve plates in the presence of surface-active substances. Ibid.:61-65

(MIRA 18:12)

1. The following is a list of the

coefficients of the polynomial
of degree n with leading coefficient 1
(1) a_0, a_1, \dots, a_n
(2) a_0, a_1, \dots, a_n
(3) a_0, a_1, \dots, a_n

RODIONOV, A.I.; KASHNIKOV, A.M.; RADIKOVSKIY, V.M.

Determining the number of plates in the absorption column by
the surface of the phase contact. Trudy MKHTI no.47:5-10 '64.
(MIRA 18:9)

RODIONOV, A. I.; KASHNEV, A. M.; RADIKOVSKIY, V. M.

"Determination of the phase contact surface and the heat- and mass-transfer coefficients for turbogrid sieve plates."
report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.
Moscow Chemical Technology Inst.

RADIONOV, A.I.; RADIKOVSKIY, V.M.

Calculation of downcomerless plates in the presence of surface-active substances. Zhur. prikl. khim. 37 no.6:1380-1383 Je '64.
(MIRA 18:3)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleeva.

RODIONOV, A.I.; RADIKOVSKIY, V.M.

Influence of the viscosity of liquids on mass transfer coefficients
on a downcomerless sieve plate. Zhur. prikl. khim. 37 no.8:1757-
1761 Ag '64. (MIRA 17:11)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni Mendeleeva.

RODIONOV, A.I.; KASHNIKOV, A.M.; RADIKOVSKIY, V.M.

Determination of the interfacial area in the gas - liquid system
on contact plates. Khim. prom. 40 no.10:737-741 O '64.

(MIRA 18:3)

PO, AND / General Problems of Pathology. Tumors. Exper- U
imental Therapy.

Abstr Jour: Ref Zhur-Biol., No 11, 1958, 51691.

Author : Urbanski, T., Radikowski, C., Ledochowski, Z.,
Czarnocki, W.

Inst : Polish Academy of Sciences.

Title : On the Activity of Benzooxazine-1, 3-Derivatives
Against Experimental Sarcoma.

Orig Pub: Bull. Acad. polon. sci., 1957, 2, 5, No 2, 63-65.

Abstract: The opposing action of the following derivatives
of benzooxazine-1, 3 was investigated:

Card 1/3

41

POLAND / General Problems of Pathology. Tumors. Exper- U
imental Therapy.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51691.

Abstract: animals were killed after this period. Upon his-
tological examination of the tumors, fragments
with very few undamaged tumor cells were observed,
lying among formless nucleated masses. The great-
est damage of the tumor cells was caused by T 356.
The tumoral growth inhibition index with this prep-
aration was 3.17C. (The index was taken from the
tables and is expressed by the ratio:
The average weight of the tumor in the experiment.
The average weight of the tumor in the controls).
A relatively high toxicity of these compounds was
noted. -- O. V. Zubova.

Card 3/3

42

RADIKUL'TSEV, V.K., fel'dsher (selo Gari Sverdlovskoy oblasti)

Shoulder dislocations. Fel'd.i akush. 25 no.2:31-33 P '60.
(MIRA 13:5)

(SHOULDER JOINT--DISLOCATION)

RADIL, MICHAEL

Chemical control in leather factories. Michael Radil.
Českoslov. Kůžafstov 1, 53-5(1951).— Testing methods used
in Czechoslovakian leather factories are described.
Alois Langer.

RADIL, MICHAEL

CZECH

Animal dyes and their utilization in the tanning industry.
Michael Radil and Lumir Hřila (Leather & Allied Trades
Research Inst., Gottwaldov, Czech.). *Ceskoslov. kožářství*
2, 179-81(1962).—A review. L. Masner

RADIL, MICHAEL

CZECH

✓ The production of a lightly chromed hide powder for the analysis of tannins. Vladimír Pektor and Michael Radil (Leather & Allied Trades Research Inst., ~~Cottbus~~ Czech.). *Kobalství* 4, 70(1954).—Data on the latest standard batch are given.
L. Masner

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Leather, Fur, Gelatin. Tanning Materials. Industrial Proteins. H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17970
Author : Halamek, C.; Radil, M.; Lacnac, J.
Inst : Not given
Title : Problems of Treating Leather Industry Wastes
Orig Pub : Kozarstvi, 1957, 7, No 10, 275-278

Abstract : The most valuable wastes are those from which glues can be derived. Their best part is utilized in making artificial sausage casings or high quality gelatine. From the less valuable wastes, technical gelatine and glues are derived. In profitability these types of wastes justify investment for special plants and installations. Refining of wool, bristle, fats, and others in special factories is not feasible and may be of interest only if

Card 1/3

H-161

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-35
Application. Leather, Fur, Gelatin. Tanning
Materials. Industrial Proteins.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17970

of photo-gelatins, of pure food gelatin and of artificial
sausage casings from the glue-yielding wastes. --
M. Lyukseburg

Card 3/3

H-162

INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : used only once is less active by 10-15% than a freshly prepared bath. On increase of bath temperature from 32° to 38°, and then to 40°, its activity is gradually increased and reaches a maximum at 55°, when it is more active by 77% than at 38°. Determination of activity of the enzyme bath in the presence of the stock being treated, under manufacturing conditions, has shown that activity is changed but little on change in bate concentration. On rotation the activity of the bath is greatly decreased, but the enzyme is better utilized than in a still bath. The study has confirmed the feasibility and the importance of supervision of the bating process. -- M. Lyuksenburg.

CARD: 2/2

293

BLAZEJ, A.; KOTASEK, Z.; RADIL, M.

Eighth Congress of the International Union of Leather
Chemists Societies. Kozarstvi 14 no. 4:117-121 Ap '64.

1. Chair of Leather Chemical Technology, Slovak Higher of
Technology, Bratislava (for Blazej). 2. Research Institute
of Leather, Otrokovice (for Kotasek). 3. Research Institute
of Leather, Gottwaldov (for Radil).

RADIL, Otakar; CIHAL, Jaroslav

Operational experience with the OR 1 signal relay. Zel dop tpeh 10
no.10:309 '62.

RADIL, Vojtech, inz.

Extraction of uranium by isomeric dioctyl-phosphorous and
dioctyl-pyrophosphorous acids. Rudy 11 no.12: Supplement:
Prace vyzkumnych ustavu nos. 7/8:47-50 D'63.

1. Ustav pro vyzkum rud, Pribram.

Radilov, S. V.

7
4E2C

Flux for soldering aluminum wire. A. G. Shikher, S. N. Guseva, and S. V. Radilov. U.S.S.R. 102,653, Apr. 30, 1966. An aq. soln. contg. a mixt. of bi- and trivalent Fe, is used as flux when joining Al wires with soft solder. M. Hosh

SHIKHER, A.G.; GUSEVA, S.N.; RADILOV, S.V.

Soldering aluminum conductors. Prom.energ. 11 no.11:9-11
N '56.

(MLRA 9:12)

1. Ivanovskiy energeticheskiy institut.
(Aluminum) (Electric conductors) (Solder and soldering)

RADILOV, S.V., inzh.; POPRUGO, S.M., inzh.; Primali uchastiye:
VASIL'YEV, G.A., inzh.; BUTYRSKIY, S.I., tehnik

Automatic skip lifting. Mekh. i avtom. proizv. 17 no.8:11-13
Ag '63. (MIRA 16:10)

KAZAKOV, P.P.; RADILOV, S.V.

Method for determining susceptible beads in metallurgical slags.
Zav. lab. 31 no.9:1112-1113 '65. (MIRA 18:10)

1. Novolipetskiy metallurgicheskiy zavod.

RADILOVSKAYA, R.G.

Characteristic form of hand and foot digits in some plantigrade and
digitigrade mammals. Trudy Inst. zool. AN URSS no.9:141-148 '52.
(Joints) (Mammals--Anatomy) (MIRA 8:11)